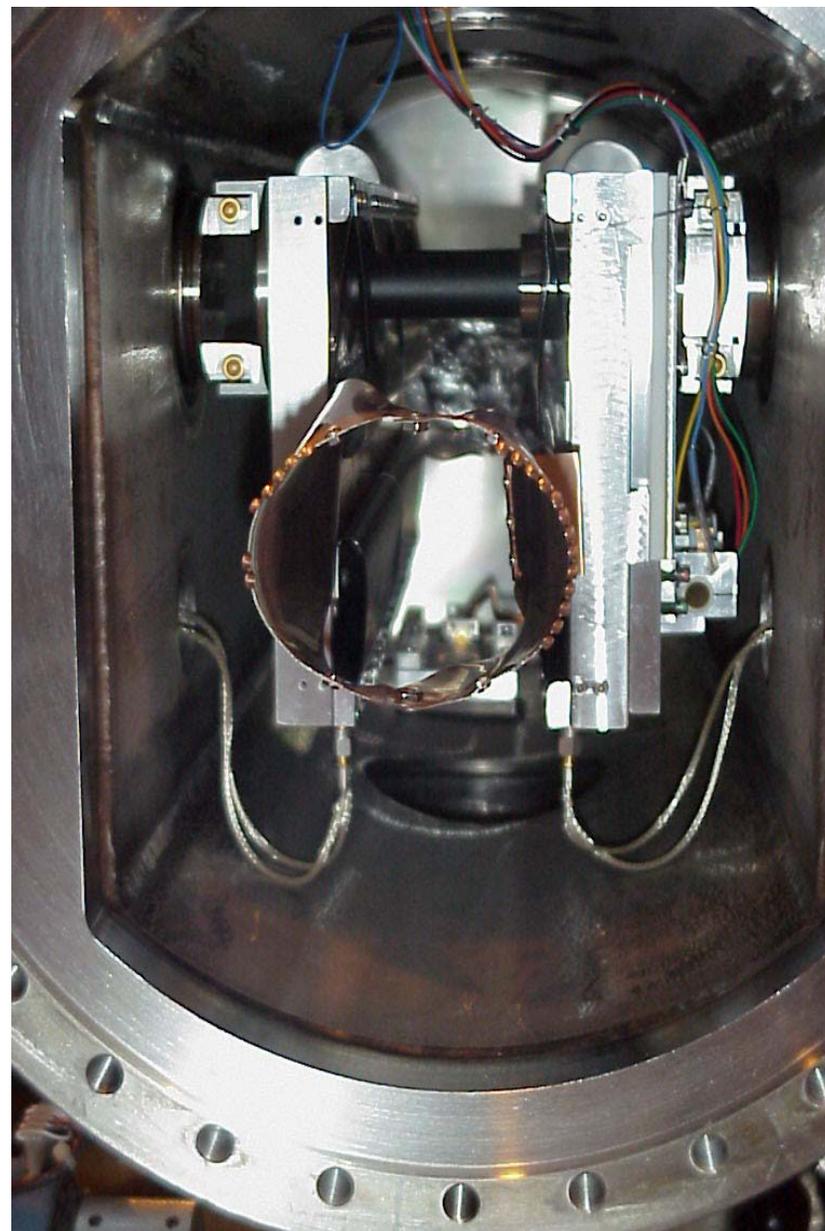


The picture of Stochastic Cooling Kicker



Pressure Rise at Cooling Kicker

Located at 3266.3m, 71 m from IR4, ~2m away from Q4.

Aperture :7.6 cm (when completely out);

3 cm (When fully in).

So at one side, the moving distance is 2.3 cm.

Dec. 26 aperture scan: +19mm, -20mm (**centered**).

($\beta_x=33.6$ m, $\sigma_x=2.3$ mm for a 10 pi beam. $\pm 8 \sigma$)

Dec. 30 beam only survived 2 turns. A -15 mm bump is needed.

Is it possible the plates are not aligned well now?